

## Wastewater Treatment DAF System



### Case Study Details

PARAMETER	UNIT	VALUE
Design Flow	usgpm (m <sup>3</sup> /h)	40 (9.08)
TSS	mg/L	6,033
Total FOG	mg/L	3,048
Total P	mg/L	2
TKN	mg/L	14
BOD Insoluble	mg/L	2,173

A large commercial bakery (repeat customer) required a clarification treatment stage for solids reduction solution for their wastewater treatment system. H2Flow was acquired to provide a Dissolved Air Flotation (DAF) system to meet their treatment needs. With the parameters provided by the client as the basis of design (summarized above), a full treatment package was installed which included sump pumps, equalization (EQ) tank, DAF feed pumps, a PF 15 pipe flocculator and Alpha 15 DAF unit (15 m<sup>3</sup>/hour maximum capacity), sludge pump and sludge tank, chemical dosing equipment and control panel.

H2Flow was able to deliver and execute the project within the necessary time frame, and has achieved the client's goals.

**Start-Up:** July 2019

**H2Flow Ref:** Q-032-19